

Notice of Allowability

Application No.

09/661,187

Examiner

Yuriy Semenenko

Applicant(s)

OISHI ET AL.

Art Unit

2841

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/17/2005.
2. ☒ The allowed claim(s) is/are 4-9, 15 and 17.
3. ☒ The drawings filed on 13 September 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

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Allowable Subject Matter

Response to Amendment

1. Amendment filed on 5/17/2005 has been entered. Claims 4-9, 15, and 17 are now pending in the application. Claims 4-9 and 15 are now amended. Claims 1-3, 10-14 and 16 are now cancelled. Claim 17 is now added.

Allowed Claims

- 2.1. Claims 4-9, 15 and 17 are allowed.
- 2.2. The following is a statement of reasons for the indication of allowance:
 - 2.2.1. Introducing claim 17 applicant introduces new unique structure “An electro-optical device”, which is not disclosed or suggested by the prior art or is not obvious by combinations of the references.
Limitations: “a projected portion of the second substrate”, “IC chip mounted on the projected portion of the second substrate using Chip On Glass technology” and “a wiring junction region provided on the projected portion of the second substrate” in combination with other claimed limitations in independent claim 17 are not disclosed or suggested by the prior art. Claims 4, 5, 6, 7, 8, 9, 15 depend on claim 17.

Relevant Art

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
 - 3.1. The reference to Endo et al. (Patent #6507384) hereinafter Endo.

Art Unit: 2841

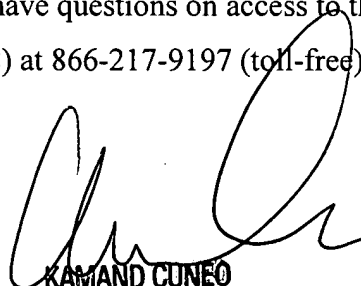
Endo discloses in Fig. 1 an electro-optical device 20 comprising: a first substrate 24 and a flexible printed wiring board 22 connected to the first substrate 24; a second substrate 25 overlapping the first substrate; a first wiring connection area included in the first substrate and extending from the overlapping area in a first direction; a second wiring connection area 25A included in the second substrate and extending from the overlapping area in a second direction, the second direction being perpendicular to the first direction; an IC chip 32 mounted in the second wiring connection area and having first and second edges facing opposite each other; an electrode formed on the second substrate extending from the overlapping area to the second wiring connection area, the electrode connected to an IC chip terminal proximate to the first edge of the IC chip; a printed board 23 connected to the flexible printed wiring board 22. Printed board 23 has wiring circuit having power source IC chip, mounted thereon.

4.1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yuriy Semenenko whose telephone number is (571) 272-6106. The examiner can normally be reached on 8:30am - 5:00pm.

4.2. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571)- 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

4.3. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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SUPERVISORY PATENT EXAMINER
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